



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; September 13, 2010

Week Ending September 12, 2010

## HARVEST DOMINATES FARM ACTIVITY

Farmers continued to harvest corn last week at a pace nearly three weeks ahead of Tennessee’s five-year average. Soybean and cotton harvest also began in some areas of the state. Farmers in West Tennessee were also active applying defoliants, and by week’s end, the rate was also over a week ahead of the five-year average. In Middle and East Tennessee, producers began to wrap up corn silage harvest and continued harvesting tobacco and fall hay. While the absence of rain has aided harvest, pastures have deteriorated in some areas, though at week’s end they were mostly rated in fair-to-good condition.

There were 6 days suitable for fieldwork this week. Topsoil moisture levels were rated 18 percent very short, 40 percent short, and 42 percent adequate. Subsoil moisture levels were rated 20 percent very short, 41 percent short, and 39 percent adequate. Temperatures averaged from 1 to 4 degrees above normal across the state. Precipitation levels averaged slightly above normal in most areas, but slightly below normal in West Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Mature	95	88	48	79	Cotton	1	3	27	57	12
Corn – Silage Harvested	92	86	82	86	Pastures	10	23	39	26	2
Corn – Grain Harvested	72	51	5	34	Soybeans	8	17	30	38	7
Cotton – Bolls Opening	79	68	30	56						
Cotton – Defoliated	39	17	NA	13						
Cotton – Harvested	4	0	0	1						
Soybeans – Dropping Leaves	49	37	23	43						
Soybeans – Harvested	6	0	0	5						
Tobacco – Burley Harvested	64	51	62	63						
Tobacco – Dark Air-Cured Harvested	84	73	76	80						
Tobacco – Dark Fire-Cured Harvested	74	65	70	71						

NA = Not Available

### County Agent Comments

*“Much of the corn acreage has been harvested, and we are pleasantly surprised for the most part. Aflatoxin is showing up in a big way due to stress. Very little cotton has been harvested, but should begin pretty heavily next week, as majority of the acreage has been sprayed with harvest aids last and this week.”*

**James Griffin, Lauderdale County**

*“The farmers in Fayette County received a few sprinkles this week but nothing that would keep producers out of the field for long periods. Activities included defoliating cotton and harvesting corn. Yields have varied to very poor on dry land to very good on irrigated land.”*

**Jeffery D. Via, Fayette County**

*“Continued dry weather is making for a great harvest but pastures and late beans are suffering! Warm, dry conditions for the week allowed row crop producers to harvest at will on corn and early beans. Pastures are beginning to show slight to moderate drought stress and late beans desperately need moisture. Several areas did get measureable rainfall Saturday night.”*

**Ed Burns, Franklin County**

*“Weather has now been warm and dry. Good for fall hay harvest and silage and tobacco. Starting to see dry weather effects in pasture.”*

**Scott Chadwell, Putnam County**

*“Lots of corn harvested this week. Sunflowers nearly mature. Early beans are dropping leaves. Late beans need rain bad. Peril Millet harvest has exceeded expectations. Pasture is poor and needs rain. Second hay cutting is nearly complete.”*

**John Goddard, Loudon County**

TEMPERATURES AND PRECIPITATION  
For week ending: September 12, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending September 12, 2010				Current Week 9/12/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	94	49	77	3	2.50	3	44.53	7.62	31.45	8.31
Brownsville_TN	93	55	76	2	0.47	3	44.33	7.40	32.77	9.64
Covington	95	51	76	3	0.10	2	39.08	3.08	27.47	5.15
Dyersburg	93	52	76	2	0.31	2	25.50	-9.77	15.73	-6.72
Huntingdon_Wate	92	51	74	2	0.80	2	34.69	-2.47	24.12	0.72
Jackson_Exp_Stn	94	51	76	3	0.33	4	50.91	14.32	39.59	16.28
Lexington_TN	92	50	75	2	0.13	3	41.62	5.95	28.38	5.90
Martin	93	56	75	3	0.80	2	30.11	-7.06	19.98	-3.95
Memphis_AG	96	52	78	3	0.27	3	43.14	6.97	30.18	7.50
Milan	93	49	75	3	0.34	2	48.21	10.03	38.52	13.96
Paris	92	48	74	2	0.12	3	33.34	-3.60	24.39	0.96
Savannah_6SW	94	53	77	3	1.34	3	47.06	7.17	31.84	7.41
Selmer	92	49	76	3	0.75	4	43.65	4.59	29.70	5.88
Union_City	91	46	72	-1	0.86	3	30.30	-5.96	18.26	-4.82
Middle										
Clarksville_Sew	94	54	75	3	0.78	2	35.20	-0.53	28.18	6.10
Cookeville	90	46	70	-2	0.65	4	44.70	4.11	29.65	4.09
Crossville_AP	89	50	73	4	1.48	4	36.91	-2.93	23.85	-0.97
Dickson_AG	91	49	73	0	1.36	1	45.54	7.42	33.69	9.58
Dover_1W	91	53	72	1	1.11	3	36.72	-0.33	28.60	5.45
Fayetteville_TN	94	49	77	5	0.02	1	31.67	-6.25	16.87	-5.77
Jamestown	88	45	68	-2	2.49	3	42.59	3.24	28.81	3.30
Kingston_Spring	92	49	73	2	1.33	3	43.81	7.25	33.07	10.48
Lawrenceburg_Fl	93	52	76	5	0.74	4	42.66	3.27	25.85	2.28
Lewisburg	95	45	74	3	0.20	1	36.82	-1.83	24.79	0.72
Linden	91	49	73	2	0.94	3	43.10	3.87	32.14	7.90
Livingston_WLIV	90	46	69	-2	0.97	3	45.33	7.54	30.51	6.24
Murfreesboro_5N	92	49	74	2	0.25	3	46.00	8.20	33.19	9.17
Nashville_Metro	94	54	75	2	0.92	3	49.06	15.13	38.64	16.95
Oneida	87	44	68	-1	1.94	4	46.34	7.09	34.22	8.84
Portland_TN	91	51	71	-1	1.41	4	29.69	-7.05	24.60	1.16
Pulaski_Water_P	92	46	71	-4	0.07	2	35.55	-3.19	21.50	-1.85
Shelbyville	94	52	76	4	0.01	1	36.71	-2.13	24.07	0.11
Sparta_TN	94	47	73	3	0.78	3	37.96	-1.21	19.77	-4.83
Springfield	91	51	73	2	1.74	3	37.86	2.63	27.21	4.85
Springhill	95	46	74	3	0.64	2	37.66	-1.13	24.33	0.15
Tulahoma	94	48	76	4	0.57	2	38.36	-1.59	23.80	-0.18
East										
Chattanooga/Lov	96	53	79	6	0.14	1	29.20	-8.76	15.84	-6.39
Cleveland_6NNE	95	47	76	5	0.87	2	35.50	-3.36	21.25	-2.05
Dayton	94	51	74	2	0.20	3	35.50	-4.41	21.00	-2.89
Erwin_1W	90	46	68	1	1.04	3	31.79	-4.49	24.29	-0.48
Gatlinburg_2SW	89	46	69	2	1.71	3	36.20	-5.51	25.28	-2.49
Greeneville	92	43	70	-2	1.68	4	25.68	-5.82	18.36	-2.45
Kingston_AG	94	52	73	3	3.02	4	40.80	-0.97	26.47	0.78
Knoxville_AP	94	53	75	3	2.37	3	31.05	-3.10	19.02	-1.81
Newcomb	90	46	68	0	2.74	4	38.78	-0.47	27.48	2.10
Norris_4NE	87	46	68	-4	2.90	4	51.24	13.20	37.09	12.94
Tri-City_RGNL_A	89	49	70	0	1.55	4	25.29	-4.57	17.32	-2.17

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:  
National Weather Service and the University of Tennessee's Extension.